ExpoFacts: A European Exposure Factors Database on the Internet

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Abstract

The Finnish Public Health Institute (KTL) recently released the ExpoFacts European Exposure Factors Database at www.ktl.fi/expofacts. The goal of the ExpoFacts project was to create a European reference resource for exposure factors data specific to European populations. The project was patterned after the U.S. Environmental Protection Agency's (U.S. EPA) Exposure Factors Handbook, which has been widely used by European researchers. The ExpoFacts project was developed as a freely accessible Internet database. The scope of the ExpoFacts database covers 30 European countries. The database includes information on food intake, time use, physiology, housing and demographic parameters, including distributional data, as available. Information on data quality is also found on the website. The database scope includes demographic information in order to allow the database to be used as a tool for population-wide exposure modeling and risk assessment.

US. EPA members provided external peer review of the ExpoFacts database.

Also, the approach used to summarize child mouthing data for the International Life Sciences Institute of Health and Environmental Sciences Technical Committee on Risk Assessment Methodologies Residential Exposure Factors Database, a project in which the U.S. EPA participated, was shared with the ExpoFacts project team.

ExpoFacts in Brief:

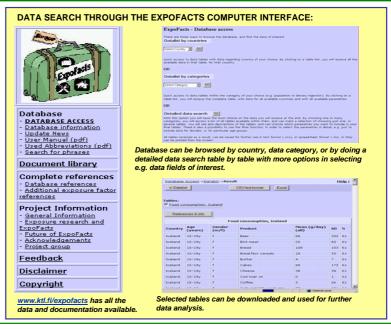
- Exposure factor and population data
- No concentrations or exposures
- · Extensive links and references
- 30 European countries
- · Easy use over the Internet
- Free for everyone: www.ktl.fi/expofacts

Available Data:

- Demographic data: Birth and death rates, age pyramids, urban/rural populations
- Socio-economic data: Education levels, unemployment rates, income structures
- Dietary data: FAO food balance sheets, DAFNE food availability, national dietary studies
- Time use data: Results of national time use surveys
- Housing data: Residential statistics, ventilation studies
- Physiological data: Height and weight distributions
- Non-dietary ingestion data: Mouthing

The 30 countries in ExpoFacts:

Austria, Belgium, Bulgaria, Cyprus, the Czech Republic, Denmark,Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, and the United Kingdom



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